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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known	
				Application Number	
				Filing Date	01/17/02
				First Named Inventor	John M. Cioffi, et al.
				Group Art Unit	
Examiner Name					
Sheet	1	of	1	Attorney Docket No.	TI-27725.2

10973 U.S. PTO
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U.S. PATENT DOCUMENTS

Exam. Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
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		Office ³	Number ⁴	Kind Code ² (if known)				
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam. Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PN	CA	BINGHAM, John A.C., "Multicarrier Modulation For Data Transmission - An Idea Whose Time Has Come," IEEE Communications Magazine, May 1990	
	CB		
	CC		

Examiner Signature	<i>J. Chan</i>	Date Considered	7.5.04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English Translation is attached.

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